J. Einsmann

#13

RAW SEQUENCE LISTING   DATE: 06/20/2001
PATENT APPLICATION: US/09/450,651A   TIME: 14:18:57

Input Set : A:\09450,651SeqList.txt
Output Set: N:\CRF3\06202001\I450651A.raw

ENTERED

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      2 <110> APPLICANT: Andersson, Lief
      3         Kijas, James
      4         Guiffra, Elisabetta
      5         Evans, Gary Jon
      6         Wales, Richard
      7         Plastow, Graham Stuart
      9 <120> TITLE OF INVENTION: METHODS FOR ANALYSING ANIMAL PRODUCTS
     12 <130> FILE REFERENCE:,A33615 064727.0108
     14 <140> CURRENT APPLICATION NUMBER: 09/450,651A
C--> 15 <141> CURRENT FILING DATE: 2001-06-04
     17 <150> PRIOR APPLICATION NUMBER: GB 9711214.8
     18 <151> PRIOR FILING DATE: 1997-05-30
     20 <150> PRIOR APPLICATION NUMBER: GB 9801990
     21 <151> PRIOR FILING DATE: 1998-01-31
     23 <160> NUMBER OF SEQ ID NOS: 53
     25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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     29 <212> TYPE: DNA
     30 <213> ORGANISM: Artificial Sequence
     32 <220> FEATURE:
     33 <223> OTHER INFORMATION: aMSHR Forward Primer 1
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     38 <210> SEQ ID NO: 2
     39 <211> LENGTH: 24
     40 <212> TYPE: DNA
     41 <213> ORGANISM: Artificial Sequence
     43 <220> FEATURE:
     44 <223> OTHER INFORMATION: aMSHR Reverse Primer 5
     46 <400> SEQUENCE: 2
     47 cgcccagatg gccgcgatgg accg                                  24
     49 <210> SEQ ID NO: 3
     50 <211> LENGTH: 24
     51 <212> TYPE: DNA
     52 <213> ORGANISM: Artificial Sequence
     54 <220> FEATURE:
     55 <223> OTHER INFORMATION: aMSHR Forward Primer 2
     57 <400> SEQUENCE: 3
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     61 <211> LENGTH: 24
     62 <212> TYPE: DNA
     63 <213> ORGANISM: Artificial Sequence
     65 <220> FEATURE:
     66 <223> OTHER INFORMATION: aMSHR Reverse Primer 2
     68 <400> SEQUENCE: 4
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RAW SEQUENCE LISTING   DATE: 06/20/2001
PATENT APPLICATION: US/09/450,651A   TIME: 14:18:57

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Output Set: **N:\CRF3\06202001\I450651A.raw**

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 69 ggaaggcgta gatgaggggg tcca                                   24
 71 <210> SEQ ID NO: 5
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 74 <213> ORGANISM: Pig
 76 <220> FEATURE:
 77 <221> NAME/KEY: misc_feature
 78 <222> LOCATION: (0)...(0)
 79 <223> OTHER INFORMATION: aMSHR Forward Primer 3
 81 <400> SEQUENCE: 5
 82 gcacatcgcc cggctccaca agac                                   24
 84 <210> SEQ ID NO: 6
 85 <211> LENGTH: 24
 86 <212> TYPE: DNA
 87 <213> ORGANISM: Artificial Sequence
 89 <220> FEATURE:
 90 <223> OTHER INFORMATION: aMSHR Reverse Primer 3
 92 <400> SEQUENCE: 6
 93 ggggcagagg acgacgaggg agag                                   24
 95 <210> SEQ ID NO: 7
 96 <211> LENGTH: 30
 97 <212> TYPE: DNA
 98 <213> ORGANISM: Pig
100 <220> FEATURE:
101 <221> NAME/KEY: misc_feature
102 <222> LOCATION: (0)...(0)
103 <223> OTHER INFORMATION: LA93 forward primer
105 <400> SEQUENCE: 7
106 gagcagcccc taccccggaa tgccagttga                             30
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 40
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: KIT56 reverse primer
116 <400> SEQUENCE: 8
117 ctttaaaaca gaacataaaa gcggaaacat catgcgaagg                   40
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 24
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Oligonucleotide primer
127 <400> SEQUENCE: 9
128 cgcccagatg gccgcgatgg accg                                   24
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131 <211> LENGTH: 27
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING   DATE: 06/20/2001
PATENT APPLICATION: US/09/450,651A   TIME: 14:18:57

Input Set : A:\09450,651SeqList.txt
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135 <220> FEATURE:
136 <223> OTHER INFORMATION: aMSHR Forward Primer 4
138 <400> SEQUENCE: 10
139 tgcgctacca cagcatcgtg accctgc                                    27
141 <210> SEQ ID NO: 11
142 <211> LENGTH: 24
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: aMSHR Reverse Primer 4
149 <400> SEQUENCE: 11
150 gtagtaggcg atgaagagcg tgct                                       24
152 <210> SEQ ID NO: 12
153 <211> LENGTH: 22
154 <212> TYPE: DNA
155 <213> ORGANISM: Pig
157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (0)...(0)
160 <223> OTHER INFORMATION: Example 6 forward primer
162 <400> SEQUENCE: 12
163 ctgcctggcc gtgtcggacc tg                                         22
165 <210> SEQ ID NO: 13
166 <211> LENGTH: 24
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Example 6 reverse primer
173 <400> SEQUENCE: 13
174 ctgtggtagc gcagcgcgta gaag                                       24
176 <210> SEQ ID NO: 14
177 <211> LENGTH: 20
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Example 7 primer
184 <400> SEQUENCE: 14
185 tgaggtagga gagttttggg                                            20
187 <210> SEQ ID NO: 15
188 <211> LENGTH: 20
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Example 7 primer
195 <400> SEQUENCE: 15
196 tcgaaattga ggggaagacc                                            20
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 22
200 <212> TYPE: DNA
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201 <213> ORGANISM: Pig
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (0)...(0)
206 <223> OTHER INFORMATION: KIT21 forward primer
208 <400> SEQUENCE: 16
209 gtattcacag agacttggcg gc                                       22
211 <210> SEQ ID NO: 17
212 <211> LENGTH: 26
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: KIT35 reverse primer
219 <400> SEQUENCE: 17
220 aaacctgcaa ggaaaatcct tcacgg                                   26
222 <210> SEQ ID NO: 18
223 <211> LENGTH: 25
224 <212> TYPE: DNA
225 <213> ORGANISM: Pig
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (0)...(0)
230 <223> OTHER INFORMATION: Example 12 KIT forward primer
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233 gaatattgtt gctatggtga tctcc                                    25
235 <210> SEQ ID NO: 19
236 <211> LENGTH: 22
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Example 12 KIT reverse primer
243 <400> SEQUENCE: 19
244 ccgcttctgc gtgatcttcc tg                                       22
246 <210> SEQ ID NO: 20
247 <211> LENGTH: 22
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Example 12 CRC forward primer
254 <400> SEQUENCE: 20
255 ctggatgtcc tgtgttccct gt                                       22
257 <210> SEQ ID NO: 21
258 <211> LENGTH: 23
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Example 12 CRC reverse primer
265 <400> SEQUENCE: 21
266 aggtttgtct gcagcagaag ctc                                      23
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RAW SEQUENCE LISTING   DATE: 06/20/2001
PATENT APPLICATION: US/09/450,651A   TIME: 14:18:57

Input Set : A:\09450,651SeqList.txt
Output Set: N:\CRF3\06202001\I450651A.raw

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268 <210> SEQ ID NO: 22
269 <211> LENGTH: 26
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Example 14 KITDEL2-FOR forward primer
276 <400> SEQUENCE: 22
277 gaaagtgayg tctggtccta tsggat                                    26
279 <210> SEQ ID NO: 23
280 <211> LENGTH: 23
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Example 14 KITDEL2-REV reverse primer
287 <400> SEQUENCE: 23
288 agccttcctt gatcatcttg tag                                       23
290 <210> SEQ ID NO: 24
291 <211> LENGTH: 22
292 <212> TYPE: DNA
293 <213> ORGANISM: Pig
295 <220> FEATURE:
296 <221> NAME/KEY: misc_feature
297 <222> LOCATION: (0)...(0)
298 <223> OTHER INFORMATION: Example 15 KITDEL1-FOR forward primer
300 <400> SEQUENCE: 24
301 tgtgggagct cttctcttta gg                                        22
303 <210> SEQ ID NO: 25
304 <211> LENGTH: 23
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Example 15 KITDEL1-REV reverse primer
311 <400> SEQUENCE: 25
312 ccagcaggac aatgggaaca tct                                       23
314 <210> SEQ ID NO: 26
315 <211> LENGTH: 22
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: KIT40 primer
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323 ggctctgggg gctcggcttt gc                                        22
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326 <211> LENGTH: 27
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: KIT22S primer
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VERIFICATION SUMMARY   DATE: 06/20/2001
PATENT APPLICATION: US/09/450,651A   TIME: 14:18:58

Input Set : **A:\09450,651SeqList.txt**
Output Set: **N:\CRF3\06202001\I450651A.raw**

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date